GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:1993
ANSWERED ON:29.11.2007
ELECTRICITY FROM WIND GENERATORS
Pallani Shamy Shri K.C .

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Oil and Natural Gas Corporation has planned to produce electricity from wind generators in various States to produce electricity;

(b) if so, the details thereof;

(c) whether this method is cost effective in comparison with captive diesel or gas field generators which are also proved to be pollutant;

(d) if so, the comparative details thereof; and

(e) the steps taken by the Government to generate more electricity though wind generators?

Answer

MINISTER OF PETROLEUM & NATURAL GAS(SHRI MURLI DEORA)

(a) and (b) Yes sir, ONGC is proposing to develop Wind Power Plants of 50 MW size in the state of Gujarat.

(c) and (d) Yes, sir. The comparative details are as under:-

Source	Estimated Cost per unit (kwh)Rs.
Wind	2.25 - 2.75
Diesel	5.50 - 7.00
Gas	2.40 - 2.70#

#(based on the prevailing market price of Natural Gas @ $4.44 per million BTU)

(e) A cumulative wind power capacity of 7660 MW has already been set up in the country. The Government of India promotes setting up of commercial wind power projects in the country, by providing fiscal incentives such as concessional import duty on certain components of wind electricity generator, excise duty exemption, ten year tax holiday on income generated from wind power projects, benefit of accelerated depreciation and loan from Indian Renewable Energy Development Agency (IREDA). Technical support including detailed wind resource assessment to identify further potential sites is provided by the Centre for Wind Energy Technology (C-WET), Chennai. In addition to it, preferential tariff is being provided for wind power in most of the potential States.